Exhibit C
(Pt. 1 of 4)

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July 15, 2003

BY HAND
The Honorable Mary Pat Thynge
United States Magistrate Judge
United States District Court
Federal Building
844 King Street
Wilmington, DE 19801

Re: *Inline Connection Corporation v. EarthLink, Inc., C.A. No. 02-477*
Inline Connection Corporation v. AOL, Inc., C.A. No. 02-272

Dear Magistrate Thynge:

On behalf of all parties, we are filing this afternoon the Joint Submission Regarding Claim Construction. Although the parties worked diligently toward submitting these papers yesterday, we were unable to meet the afternoon filing deadline. We apologize for the delay in submitting this to you and regret any inconvenience our delay may cause.

Respectfully,

Donald F. Parsons, Jr.

Enclosure
cc: Clerk of the Court (By Hand)
John L. Reed, Esquire (By Hand)
Frederick Cottrell, III, Esquire (By Hand)
C. Celeste Creswell, Esquire (By FedEx)
Kurt M. Rogers, Esquire (By FedEx)

IN THE UNITED STATES DISTRICT COURT
FOR THE DISTRICT OF DELAWARE

INLINE CONNECTION CORPORATION, Plaintiff, v. EARTHLINK, INC., Defendant and Counterclaimant.	)	C.A. No. 02-477-MPT
INLINE CONNECTION CORPORATION, Plaintiff and Counterdefendant, v. AOL TIME WARNER INCORPORATED Defendant, and AMERICA ONLINE, INC. Defendant and Counterclaimant.	)	C.A. No. 02-272-MPT

JOINT SUBMISSION REGARDING CLAIM CONSTRUCTION

Pursuant to the Scheduling Order, and the parties conference with the Court on June 26, 2003, Inline Connection Corp. ("Inline"), American Online, Inc., AOL Time Warner Incorporated (together "AOL"), and Earthlink, Inc. ("Earthlink") hereby submit their respective claim constructions of the patent claims asserted by Inline, and the terms of such claims in dispute. Three of the Inline patents, U.S. Patent nos. 5,844,596 ('596); 6,243,446 ('446); and 6,542,585 ('585) share a substantially identical written disclosure. U.S. Patent no. 6,236,718 ('718) has a separate written disclosure. The Joint Claim Construction Chart is attached hereto

as Exhibit 1; the patents are attached hereto as Exhibit 2; and Inline's proposed glossary of relevant dictionary definitions and treatise citations is attached hereto as Exhibit 3.

Preliminary Statement Concerning The Identity of the Claim Terms at Issue

The disputed claim terms fall into three categories. First, the parties agree that certain terms or phrases require construction by the court. These claim terms are listed below with citations to the claims in which these terms appear:

1. Telephone exchange:

   ' 596 Patent: Claim 61:

   '446 Patent: Claim 1;

   '585 Patent: Claims 1 and 8.

2. Signal interface

   '596 Patent: Claim 61;

   '446 Patent: Claims 1, 2, 3, and 6;

   '585 Patent: Claims 1, 2, and 4.

3. High frequency band, frequencies above the telephone voice band:

   '596 Patent: Claim 61;

   '446 Patent: Claims 1, 3, and 6;

   '585 Patent: Claims 1 and 4;

   '718 Patent: Claims 22 and 24.

4. First transceiver:

   '718 Patent: Claim 22.

5. Second transceiver:

   '718 Patent: Claim 22.

6. Control signal:

'446 Patent: Claim 6.

7. Control information:

'718 Patent: Claim 22.

8. First transmitted signal:

'718 Patent: Claim 22.

9. Second transmitted signal:

'718 Patent: Claim 22.

The second category of claim terms or phrases in dispute are claim limitations that AOL and EarthLink contend are written in means-plus-function format and should be construed in accordance with 35 U.S.C. § 112, ¶ 6. Each of these claim limitations includes the phrase "circuitry for" or "circuitry coupled,", *e.g.*, "circuitry for accepting…", "circuitry for receiving…", "circuitry for transmitting…", "circuitry coupled to said conductive path for accepting…." These claim limitations appear in certain elements in each of the asserted claims of the Patents-in-Suit. Inline contends that such claim limitations do not invoke means-plus-function construction.

The final category of claim terms in dispute are those claim terms that Inline believes are in need of construction by the Court and for which Inline has provided definitions it contends are the ordinary meanings of such claim terms. In support of its proposed ordinary meanings, Inline has presented in its portion of the Joint Claim Chart dictionary definitions, and in a very few instances, treatises. Inline has included additional definitions in its proposed glossary, at attachment 3. The phrase "an external source of information" is in this category.

AOL's and EarthLink's Explanatory Statement

AOL and EarthLink disagree with Inline with respect to three matters relating to the Joint Claim Construction Submission: (1) Inline's assertion on July 9 of six new patent claims and inclusion of those patent claims in the Joint Submission; (2) Inline's inclusion of evidence other than citations to the intrinsic record, i.e., the patent specification and prosecution history, in the Joint Submission; and (3) Inline's position that the Court should construe every limitation in the patent claims. By agreement of the parties, AOL and EarthLink and Inline each will submit a letter to the Court limited to three pages in length addressing these issues.

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July 15, 2003

IT IS SO ORDERED this _____ day of _____, 2003.

_____
United States Magistrate Judge

JOINT CLAIM CONSTRUCTION CHART
CLAIM ELEMENTS

Inline's Citation to Dictionaries and Treatises	Inline's Citation to the Patent Specification	Inline's Claim Construction[1]	Claim Language	AOL's and EarthLink's Claim Construction	AOL's and EarthLink's Citation to Intrinsic Evidence
			'596 Patent		
Signal: An electrical wave used to convey information. HARRY NEWTON, NEWTON'S TELECOM DICTIONARY 423 (3rd ed. 1990). *See also* Appendix A. **Exchange**: Switching **exchange**: an aggregate of traffic-carrying devices, switching stages, controlling and signaling means at a network node that enables subscriber lines and/or other telecommunication circuits to be interconnected as required by individual callers. GRAHAM LANGLEY, TELEPHONY'S DICTIONARY 77 (1st ed. 1982). *See also* Appendix A.	'596 Col. 1:23-44 '596 Col. 3:41-45 '596 Col. 3:58-67 '596 Col. 4: 8-14 '596 Col. 4:53-55 '596 Col. 6:16-67, Col. 7:1-54 '596 Col. 7, 65-67, Col. 8: 1 '596 Col. 9:6-8 '596 Col. 11:1-67, Col. 12 1-31 '596 Col. 12:32-49 '596 Col. 13:34-53 '596 Col. 16:6-18 '596 Col. 21:34-35 '596 Figure 1a '596 Figure 3a '596 Figure 3c	A system that communicates information between **"external source of information": a source of information outside the system** and data processing devices connected to the system. The information is communicated over a network of telephone wiring that is used for passing signals in a telephone voice band between two or more telephones or other devices that communicate in the telephone voice band and **"telephone exchange": telephone switching devices.**	61. A system for communicating information between an external source of information and a plurality of destinations of information over a telephone wiring network used for passing telephone signals in a telephone voice band between a plurality of telephone devices and a telephone exchange, comprising:	AOL and EarthLink do not believe that any claim language other than the specific terms for which they have provided a construction requires further definition. Therefore, this claim language needs no construction. (Hereinafter, "Needs no construction").	
	'596 Col. 29:44-47 '596 Col. 13:8-16 '596 Col. 40:12-19 '596 Figure 1a	Two or more transceivers between wiring that is part of or connected to the telephone wiring network and a data	a plurality of transceivers coupled between the telephone wiring network and corresponding destinations of	Needs no construction.	

[1] Claim terms appear bolded and in quotes, followed by Inline's proposed claim construction in bold.

Inline's Citation to Dictionaries and Treatises	Inline's Citation to the Patent Specification	Inline's Claim Construction	Claim Language	AOL's and EarthLink's Claim Construction	AOL's and EarthLink's Citation to Intrinsic Evidence
	'596 Figure 15 '596 Col. 12:32-67, '596 Col. 13:1-7	processing device, to which information communicated by the system is directed.	information, each including		
Circuitry: the plan or the components of an electric circuit. THE NEW MERRIAM-WEBSTER DICTIONARY 146 (Frederick C. Mish ed., 1989). *See also* Appendix A. **Circuit**: *Apex Inc. v. Raritan Computer, Inc.* 325 F.3d 1364, 1373 (Fed Cir. 2003) ("The term 'circuit' is defined as 'the combination of a number of electrical devices and conductors that, when interconnected to form a conducting path, fulfill some desired function.' Dictionary of Computing, 75 (4th ed. 1996).... In light of this definition, it is clear that the term 'circuit,' by itself connotes some structure.") **Voiceband**: The 300 Hz to	'596 Col. 13:8-16 '596 Col. 66:15-62 Fig. 15	**"[C]ircuitry": electrical circuitry** that recovers data from signals with **"high frequency band": frequencies above the** telephone voice band and are not affected by signals with frequencies within the telephone voice band.	circuitry for accepting signals in a high frequency band of frequencies above the highest frequency of the telephone voice band and rejecting signals in the telephone voice band; and	**"Circuitry for accepting ... and rejecting ... band"** is written in means-plus-function format. Pursuant to 35 U.S.C. § 112(6), the proper construction of this element is limited to the corresponding structure disclosed in the patent specification for performing the claimed function and equivalents thereof. (Hereinafter, means-plus-function claim elements are referred to as M+F claim elements). The recited function is accepting signals in the band of frequencies above 1 Mhz and rejecting telephone signals. The structure disclosed in the specification for performing this function is video	Fig. 3a Fig. 3c Fig. 8 Fig. 15 (video processing circuitry 506) Col. 12, ll. 54-56 Col. 12, ln. 65 – Col. 13, ln. 12 Col. 19, ln. 27 – Col. 20, ln. 37 Col. 24, ln. 64 – Col. 29, ln. 60 Col. 38, ln. 53 – Col. 39, ln. 58 Col. 66, ll. 22-27.

Inline's Citation to Dictionaries and Treatises	Inline's Citation to the Patent Specification	Inline's Claim Construction	Claim Language	AOL's and EarthLink's Claim Construction	AOL's and EarthLink's Citation to Intrinsic Evidence
3400 Hz band used on telephone equipment for the transmission of voice and data. JERRY M. ROSENBERG, COMPUTERS, DATA PROCESSING & TELECOMMUNICATIONS 577 (1984). *See also* Appendix A.				processing circuitry 506. A **"high frequency band of frequencies above the highest frequency of the telephone voice band"** is the band of frequencies above 1 MHz.	
Interface: A concept involving the definition of the interconnection between two equipments or systems. The definition includes the type, quantity, and function of the interconnecting circuits and the type and form of signals to be interchanged via those circuits. Mechanical details of plugs, sockets, and pin numbers, etc., may be included within the context of the definition. GRAHAM LANGLEY, TELEPHONY'S DICTIONARY 104 (1st ed. 1982) *See also* Appendix A.	'596 Col. 8:37-48 '596 Col. 8:53-56 '596 Col. 9:1-8 '596 Col. 11:34-65 '596 Col. 3:65-67 '596 Col. 4:1-2 '596 Col. 4:53-59 '596 Col. 8:9-25 '596 Col. 30:35-53 '596 Fig. 1a portions of transceiver/switch 400 '596 Fig. 1b portions of transceiver/switch 400 '596 Fig. 2	A **"signal interface": device that provides an interconnection and adaptation of signals,** which is connected between the telephone wiring network and the **external source of information.**	a signal interface coupled between the external source of information and the telephone wiring network, including	The **"signal interface"** is a device interposed on the opposite end (i.e., the local side) of the public trunk line (as defined by the inventor in the patent) from the telephone exchange that performs the recited functions of the incorporated circuitry.	Fig. 1a Fig. 1b Fig. 2 Col. 1, ll. 35-39 Col. 1, ln. 62 – Col. 2, ln. 6 Col. 2, ll. 13-36 Col. 3, ll. 41-57 Col. 5, ll. 10-15 Col. 6, ll. 29-45 Col. 8, ll. 9-25 Col. 9, ll. 1-6 Col. 9, ln. 66 - Col. 10, ln. 7 Col. 11, ll. 1-5 Col. 12, ll. 18-21 Col. 14, ll. 43-58 Col. 17, ll. 38-42 Col. 29, ll. 25-35 Col. 30, ll. 10-14 Col. 41, ll. 57-59 Col. 48, ll. 37-52 Col. 63, ll. 6-13.

Inline's Citation to Dictionaries and Treatises	Inline's Citation to the Patent Specification	Inline's Claim Construction	Claim Language	AOL's and EarthLink's Claim Construction	AOL's and EarthLink's Citation to Intrinsic Evidence
					Pat. Appl. No. 08/814,837, Office Action dated Feb. 12, 1998 at 2-5; Pat. Appl. No. 08/814,837; Prelim. Amend. dated Apr. 13, 1998 at 23.
Circuitry: the plan or the components of an electric circuit. THE NEW MERRIAM-WEBSTER DICTIONARY 146 (Frederick C. Mish ed., 1989). *See also* Appendix A. **Circuit**: *Apex Inc. v. Raritan Computer, Inc.* 325 F.3d 1364, 1373 (Fed Cir. 2003) ("The term 'circuit' is defined as 'the combination of a number of electrical devices and conductors that, when interconnected to form a conducting path, fulfill some desired function.' Dictionary of Computing, 75 (4th ed. 1996)…. In light of this definition, it is clear that the term 'circuit,' by itself	'596 Col. 11:49-65 '596 Col. 13:26-35 '596 Col. 15:10-16 '596 Col. 31:15-18 '596 Col. 37:64-67 '596 Col. 38:1-6 '596 Col. 65:53-58	**Electrical circuitry** that receives **"information streams": signals that communicate information** from the **external source of information**	circuitry for receiving a plurality of external signals encoding a plurality of information streams from the external source of information, and	**"Circuitry for receiving … source of information"** is a M+F claim element. The recited function is receiving a plurality of external signals encoding a plurality of information streams from the external source of information. The structure disclosed in the specification for performing this function is Processor 418.	Fig. 2 Fig. 4 Col. 15, ll. 26-47 Col. 16, ll. 26-38 Col. 31, ln. 32 - Col. 37, ln. 27.

Inline's Citation to Dictionaries and Treatises	Inline's Citation to the Patent Specification	Inline's Claim Construction	Claim Language	AOL's and EarthLink's Claim Construction	AOL's and EarthLink's Citation to Intrinsic Evidence
connotes some structure.")					
Circuitry: the plan or the components of an electric circuit. THE NEW MERRIAM-WEBSTER DICTIONARY 146 (Frederick C. Mish ed., 1989). *See also* Appendix A. **Circuit**: *Apex Inc. v. Raritan Computer, Inc.* 325 F.3d 1364, 1373 (Fed Cir. 2003) ("The term 'circuit' is defined as 'the combination of a number of electrical devices and conductors that, when interconnected to form a conducting path, fulfill some desired function.' Dictionary of Computing, 75 (4th ed. 1996).... In light of this definition, it is clear that the term 'circuit,' by itself connotes some structure.")	'596 Col. 13:26-42 '596 Col. 8:19-25 '596 Col. 65:56-67 '596 Col. 66:1-2 '596 Col. 11:52-57	**Electrical circuitry** that outputs signals to one or more transceivers selected from the plurality of transceivers. The **signals communicate information** in a **high frequency band** over the telephone wiring network.	circuitry for transmitting to selected sets of one or more of the plurality of transceivers a corresponding plurality of internal signals in the high frequency band each encoding one of the plurality of information streams over the telephone wiring network;	**"Circuitry for transmitting ... streams"** is a M+F claim element. The recited functions are (1) processing the external signals encoding the plurality of information streams from the external source of information into a plurality of internal signals; and (2) selecting and transmitting to any of the plurality of transceivers any of the plurality of information streams. The structures disclosed in the specification for performing these functions are signal separator 413 in conjunction with processor 418, control processor 420 and master controller 415.	Fig. 2 Fig. 4 Fig. 7 Col. 15, ll. 27-60 Col. 30, ll. 35-48 Col. 30, ln. 58 - Col. 33, ln. 29.
	'596 Col. 21:67, Col. 22: 1-8 '596 Col. 11:27-33 '596 Col. 12:46-51	A wire, set of wires, and/or jack (jack, etc.) that connects to the wires that connect the transceiver and the **signal interface**. The jack couples	wherein the telephone wiring network includes a branch network which couples one of the plurality of telephone devices to the	**"Circuitry for preventing transmission . . . network"** is a M+F claim element. The recited function is	Fig. 1a Col. 12, ll. 46-51.

Inline's Citation to Dictionaries and Treatises	Inline's Citation to the Patent Specification	Inline's Claim Construction	Claim Language	AOL's and EarthLink's Claim Construction	AOL's and EarthLink's Citation to Intrinsic Evidence
	'596 Col. 12:46-51. '596 Figure 1a, LPF	one of the telephone devices to the telephone network which is connected to the **telephone exchange**. The jack also includes or is connected to a **low pass filter circuit** that signals in the **high frequency band** from interfering with the telephone devices. The **high frequency band** is **frequencies above the** telephone voice band.	telephone exchange telephone exchange, and the branch network includes circuitry for preventing transmission of signals in the high frequency band to the one of the telephone devices on the branch network.	preventing the transmission of signals above 1 Mhz from reaching one of the telephone devices. The structure disclosed in the specification for performing this function is a low pass filter The **"telephone exchange"** is a central office.	

Inline's Citation to Dictionaries and Treatises	Inline's Citation to the Patent Specification	Inline's Claim Construction	Claim Language	AOL's and EarthLink's Claim Construction	AOL's and EarthLink's Citation to Intrinsic Evidence
			'446 Patent		
Exchange: Switching **exchange**: an aggregate of traffic-carrying devices, switching stages, controlling and signaling means at a network node that enables subscriber lines and/or other telecommunication circuits to be interconnected as required by individual callers. GRAHAM LANGLEY, TELEPHONY'S DICTIONARY 77 (1st ed. 1982). *See also* Appendix A.	'446 Col. 1:29-46 '446 Col. 1:1-55 '446 Col. 3:46-47 '446 Col. 3:60-67, Col. 1:1-4 '446 Col. 4:10-16 '446 Col. 4: 55-57 '446 Col. 6:18-67 '446 Col. 7: 66-67 '446 Col. 8:1-26 '446 Col. 9:1-8, 17-20 '446 Col. 11:4-37 '446 Col. 11:43-46 '446 Col. 11:53-56 '446 Col. 12:37-45 '446 Col. 12:58 - Col. 13:22 '446 Col. 16:13-25 '446 Col. 21:46-48'446 '446 Col. 42:17-21 '446 Col. 54:58-60 '446 Fig. 1a phones 414, trunk	A system that communicates information between **"external source of information": a source of information outside the system** and data processing devices connected to the system. The information is communicated over a network of telephone wiring that is used for passing signals in a telephone voice band between two or more telephones or other devices that communicate in the telephone voice band and **"telephone exchange": telephone switching devices.**	1. A system for communicating information between an external source of information and destinations of information over a telephone wiring network used for passing telephone signals in a telephone voice band between a plurality of telephone devices and a telephone exchange, comprising:	Needs no construction.	

Inline's Citation to Dictionaries and Treatises	Inline's Citation to the Patent Specification	Inline's Claim Construction	Claim Language	AOL's and EarthLink's Claim Construction	AOL's and EarthLink's Citation to Intrinsic Evidence
	lines 476', extended pairs 405, unnumbered telephone wiring, local **exchange** 475, 492a-c, 495c, and 498a '446 Fig. 1b telephone devices 514, twisted pairs 476, extended pairs 405 '446, Fig. 3a, 3c				
Voiceband: The 300 Hz to 3400 Hz band used on telephone equipment for the transmission of voice and data. JERRY M. ROSENBERG, COMPUTERS, DATA PROCESSING & TELECOMMUNICATIONS 577 (1984). *See also* Appendix A.	'446 Col. 12:37-51 '446 Col. 13:14-22 '446 Col. 39:44-46 '446 Col. 40:25-31 '446 Fig. 1a as 491c. '446 Col. 1:30-34 '446 Col. 11:4-37 '399 Col. 19:59 - Col. 20:24 '446 Col. 4: 38-54 '446 Col. 59:26-38 '446 Col. 66:57-67 '446 Col. 67:1-37 '446 Fig. 15	A transceiver that is coupled between wiring that is part of or connected to the telephone wiring network and a data processing device to which information communicated by the system is directed. The transceiver includes **"[C]ircuitry": electrical circuitry** that recovers data from signals in the **"high frequency band": frequencies above the telephone voice band** and are not effected by signals in the telephone voice band.	a transceivers coupled between a conductive path of the telephone wiring network and a first destinations of information, including circuitry coupled to said conductive path for accepting signals in a high frequency band of frequencies above the highest frequency of the telephone voice band and rejecting signals in the telephone voice band;	**"Circuitry coupled . . . accepting . . . and rejecting . . . telephone voice band"** is a M+F claim element. The recited function is accepting (passing) signals in the band of frequencies above 1 Mhz and rejecting (blocking) telephone signals. The structure disclosed in the specification for performing this function is video processing circuitry 506. A **"high frequency band of**	Fig. 3a Fig. 3c Fig. 8 Fig. 15 (video processing circuitry 506) Col. 12, ll. 60-62 Col. 13, ll. 4-18 Col. 19, ln. 38 - Col. 20, ln. 4 Col. 25, ln. 9 - Col. 30, ln. 5 Col. 38, ln. 66 - Col. 40, ln. 4 Col. 66, ln. 64 - Col. 67, ln. 4

Inline's Citation to Dictionaries and Treatises	Inline's Citation to the Patent Specification	Inline's Claim Construction	Claim Language	AOL's and EarthLink's Claim Construction	AOL's and EarthLink's Citation to Intrinsic Evidence
		A **high frequency band** of frequencies above the highest frequency of the telephone voice band is **a band of frequencies above the** telephone voice band.		**frequencies above the highest frequency of the telephone voice band"** is the band of frequencies above 1 MHz.	
Filter: A device which transmits a select range of energy. An electrical filter transmits a selected range of frequencies, while stopping (attenuating) all others. HARRY NEWTON, NEWTON'S TELECOM DICTIONARY 200 (3rd ed. 1990). *See also* Appendix A. **Low-Pass Filter**: Filter circuit that passes all frequencies below the cutoff frequency and blocks frequencies above it. JOHN DOUGLAS-YOUNG, ILLUSTRATED ENCYCLOPEDIC DICTIONARY OF ELECTRONICS 341 (1st ed. 1981). *See also* Appendix A.	'446 Col. 12: 52-57 '446 Col. 16: 13-25 '446 Col. 48: 65-67 '446 Col. 49:1-7 and 11-13 '446 Col. 54: 64-67 '446 Col. 55:1-2 '446 Fig. 2, 474	Two or more **low pass filter circuits** that are connected between a telephone device and a connection to the telephone wiring network and prevent signals with frequencies above the telephone voice band from interfering with the telephone device. The **high frequency band** is the **band of frequencies above** telephone voice band.	a plurality of filters, each coupled between said conductive path and a corresponding one of the plurality of telephone devices, for preventing transmission of signals in the high frequency band to the telephone devices; and	The **"high frequency band"** is the band of frequencies above 1 MHz.	Fig. 3a Fig. 3c Fig. 8 Fig. 15 (video processing circuitry 506) Col. 12, ll. 60-62 Col. 13, ll. 4-18 Col. 19, ln. 38 - Col. 20, ln. 48 Col. 25, ln. 9 - Col. 30, ln. 5 Col. 38, ln. 66 - Col. 40, ln. 4 Col. 66, ln. 64 - Col. 67, ln. 2

Inline's Citation to Dictionaries and Treatises	Inline's Citation to the Patent Specification	Inline's Claim Construction	Claim Language	AOL's and EarthLink's Claim Construction	AOL's and EarthLink's Citation to Intrinsic Evidence
Interface: A concept involving the definition of the interconnection between two equipments or systems. The definition includes the type, quantity, and function of the interconnecting circuits and the type and form of signals to be interchanged via those circuits. Mechanical details of plugs, sockets, and pin numbers, etc., may be included within the context of the definition. GRAHAM LANGLEY, TELEPHONY'S DICTIONARY 104 (1st ed. 1982). *See also* Appendix A.	'446 Col. 4:55-57 '446 Col. 8:39-48 '446 Col. 9:1-8 '446 Col. 11:38 - Col. 12:2 '446 Col. 15:34-54 '446 Col. 30:44-64'446 Fig. 1a portions of transceiver/switch 400 '446 Fig. 1b portions of transceiver/switch 400 '446 Fig. 2	A **"signal interface": device that provides an interconnection and adaptation of signals**, which is connected between the telephone wiring network and the **external source of information** between the two	a signal interface coupled between the external source of information and said conductive path, including	The **"signal interface"** is a device interposed on the opposite end (i.e., the local side) of the public trunk line (as defined by the inventor in the patent) from the telephone exchange that performs the recited functions of the incorporated circuitry.	See citations for signal interface in '596 patent, claim 61.
Circuitry: the plan or the components of an electric circuit. THE NEW MERRIAM-WEBSTER DICTIONARY 146 (Frederick C. Mish ed., 1989). *See also* Appendix A. **Circuit**: *Apex Inc. v. Raritan Computer, Inc.* 325 F.3d 1364, 1373 (Fed Cir. 2003) ("The term 'circuit' is defined as 'the combination of a number of	'446 Col. 11:53-61 '446 Col. 13:41-49 '446 Col. 15:35-40 '446 Col. 31:27-30 '446 Col. 38:9-18 '446 Col. 66:27-30	**Electrical circuitry** that receives **signals that communicate information** from the **external source of information**	circuitry for receiving an external signal encoding an information stream from the external source of information,	**"Circuitry for receiving ... source of information"** is a M+F claim element. The recited function is receiving an external signal encoding an information stream from the external source of information. The structure disclosed in the specification for performing this function is Processor 418.	Fig. 2 (Processor 418) Fig. 4 Col. 15, ll. 34-54 Col. 16, ll. 34-46 Col. 31, ln. 44 - Col. 37, ln. 38